

TICKHILL
URBAN DISTRICT COUNCIL

ANNUAL REPORT
OF THE
Medical Officer of Health

For Year Ended 31st December, 1938

H. MONTGOMERY BROWN, M.B., B.S.,
Medical Officer of Health

Doncaster:

CHRONICLE CO. LTD., PRINTERS, SCOT LANE.

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Tickhill Urban District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

For 1938

TO THE CHAIRMAN AND MEMBERS OF THE
TICKHILL URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the honour to present my First Annual Report on the Sanitary Circumstances, Sanitary Administration, and Vital Statistics of the Urban District of Tickhill for the year ended December 31st, 1938. This Report is prepared in response to the Circular Letter of the Minister of Health, number 1728, dated October 25th, 1938.

The Report is divided into Six Sections as follows:—

- A. Statistics and Social Conditions of the Area.
- B. General Provision of Health Services for the Area.
- C. Sanitary Circumstances of the Area.
- D. Housing.
- E. Inspection and Supervision of Food.
- F. Prevalence of, and Control over, Infectious and other Diseases.

SECTION A

STATISTICS AND SOCIAL CONDITIONS OF THE DISTRICT.

Area of the district, 5,580 acres—six of which are water.

Population (Census, 1921) 2,084

Population (Census, April 26-27th, 1931) ... 2,297
(Males 1,180; females 1,117).

Population estimated mid-year 1938
(Registrar-General) 2,302

Population mid-year 1937 2,306

Population since 1927 according to Census:—

Year	Population
1928	2185
1929	2189
1930	2251
1931	2297
1932	2305
1933	2313
1934	2316
1935	2303
1936	2290
1937	2306

Number of inhabited houses in 1921 ... 500

Total number of houses in 1921 518

Total number of houses in 1938—all
inhabited (rate books) 657

Density of population, 1921 ... 4.21 persons per house
.37 persons per acre

„ „ 1938 ... 3.5 persons per house
.41 persons per acre

Elevation above sea level ... maximum 225 feet
minimum 25 feet

At Church Bench mark 60.0 feet

Drainage: River Trent, via the following district waterways:—

1. Paper Mill Dyke from the west.
2. River Torne or Goole Dyke from the south-east.
3. Dadsley Wells stream from the north.

Rates: Gross product of 1d. rate ... £46 9s. 9d.
 Net ,, ,, ,, ... £40 19s. 8d.

	GROSS	NETT	ANNUAL	RATEABLE
Ordinary Assessments	£13,299/19/-	£500		£9,477
Industrial Assessments	—	£5,091		£1,331
Railway Assessments	—	£423		£78

Occupation of the inhabitants: chiefly agriculture.
 Some residents work at the neighbouring collieries.

VITAL STATISTICS.

		MALES	FEMALES
LIVE BIRTHS ...	Legitimate ...	23	22
	Illegitimate ...	0	2
	Total 47		

Rate per 1,000 persons ...	20.4
Rate for 1937 ...	14.3
Rate for England and Wales ...	15.1

Still Births in 1938:

Male 1; Female 4 (all legitimate)
 Total 5

Rate per 1,000 population ...	2.2
Rate for England and Wales ...	.6

	MALES	FEMALES
DEATHS ...	11	17
Total 28		

Corrected Rate per 1,000 persons	11.1
Rate in 1937 ...	6.1
Rate for England and Wales ...	11.6

Number of deaths occurring outside the district and included above (Inward Transfers):—

1. Number occurring in public institutions	6
2. Others ...	1
Total ...	7

Outside percentage of total deaths 25 per cent.

Number of deaths of visitors occurring in
the district (included above) ... 0

Number of women dying in, or in consequence of,
childbirth :—

1. From Sepsis ... 0
2. From other causes ... 0—Total 0

Local rate per 1,000 births ... 0

Rate for England and Wales ... 2.97

Only two maternal deaths have been recorded for twelve
years, and those occurred in a maternity home outside the
district.

Death of infants under one year of age :—

1. Legitimate Male 1 ; Female 2
2. Illegitimate ... 0—Total 3

Rate per 1,000 live births ... 63.8

Rate for England and Wales, 1938 ... 53

Death from Measles (all ages) ... 0

Death from Whooping Cough (all ages) ... 0

Death from Diarrhoea

(under two years of age) ... 0

Deaths from Cancer (all ages) ... 7

**Comparative Table of the Birth and Death Rates
for the last eighteen years, with those of
England and Wales :—**

Year	Births		Deaths	
	Local	England and Wales	Local	England and Wales
1921	35.02	22.4	17.27	12.1
1922	25.5	20.6	17.4	12.9
1923	28.39	19.7	13.6	11.6
1924	25.35	18.8	11.9	12.2
1925	27.5	18.2	15.6	12.2
1926	25.9	17.8	11.16	11.6
1927	19.4	16.7	9.7	12.3
1928	20.1	16.7	12.3	11.7
1929	20.1	16.3	14.6	13.4
1930	18.27	16.3	9.14	11.4
1931	19.13	15.8	15.22	12.3
1932	18.65	15.3	10.4	12.0
1933	16.86	14.4	15.1	12.3
1934	18.13	14.8	8.63	11.8
1935	18.23	14.7	13.89	11.7
1936	16.6	14.8	13.54	12.1
1937	14.31	14.9	6.07	12.4
1938	20.4	15.1	11.1	11.6

Analysis and Age Periods of Deaths.

CAUSE OF DEATH.				Under 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and over	Total.
Influenza	...	...	...	...	...	...	...	...	...	...	2	2
Syphilis	...	...	...	...	...	...	...	1	...	...	...	1
G.P.I.	...	...	...	...	...	...	...	...	1	...	...	1
Cancer	...	...	...	...	...	...	...	...	...	3	4	7
Diabetes	...	...	...	...	...	...	...	...	...	...	1	1
Cerebral Hæmorrhage	...	...	...	...	...	...	...	...	...	...	1	1
Heart Disease	...	...	...	...	...	...	...	...	...	1	3	4
Other Circulatory Dis- turbance	...	...	...	...	...	...	...	...	...	...	1	1
Pneumonia	...	...	...	...	...	...	1	...	...	...	...	1
Appendicitis	...	...	...	...	...	...	...	...	1	...	...	1
Liver Disease	...	...	...	...	...	...	...	...	...	...	1	1
Nephritis	...	...	...	...	...	...	...	...	...	...	1	1
Congenital and Prema- ture Birth	...	...	...	3	...	...	...	...	...	...	...	3
Other Defined Diseases...	...	...	...	...	...	...	...	...	...	...	3	3
Totals	...	...	...	3	0	0	1	1	2	4	17	28

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE URBAN DISTRICT.

1. (i) **Public Health Officers:—**

Medical Officer of Health (part time) :

H. M. BROWN, M.B., B.S., Tickhill.

Sanitary Inspector (part time) :

J. HASLAM, M.I.Mun.E., Worksop.

Meat Inspector (part time) :

T. BOWETT, M.R.C.V.S., Worksop.

District Medical Officer under Poor Law Acts :

H. M. BROWN, M.B., B.S.

Public Vaccinator :

H. M. BROWN, M.B., B.S.

District Nurse :

E. HAWKSWORTH, C.M.B.

(ii) (a) **Laboratory Facilities.**

The examination of pathological specimens is carried out at the County Council laboratories at Wakefield. The examination of water and foodstuffs is carried out by the County Analyst at Bradford.

(b) **Ambulance Facilities.**

1. Privately owned :

(a) G. E. Davey, Maltby.

(b) Edenfield, Doncaster.

(c) Hather's Garage, Doncaster.

2. Doncaster Police.

3. Infectious Diseases :

Conisborough Hospital.

(c) **Nursing in the Home.**

(a) General.

The Tickhill District Nursing Association, which is affiliated to the Queen's Institute of District Nursing and the West Riding County Nursing Association, provides for and supervises home nursing in the district. A trained nurse with the C.M.B. qualification is appointed to perform the duties. She resides in the district.

(b) Infectious Diseases.

No provision is made for nursing infectious cases in the home. They are usually sent to the Isolation Hospital.

(d) **Clinics and Ante-Natal Centres.**

None exist in the Urban District.

The Tuberculosis Dispensary at Merton House, Christ Church Road, Doncaster, is used by patients in this district. The hours are as follows :—

Mondays 2 p.m. and 6 p.m.

(e) **Hospitals :—**

Infectious Diseases. Situate at Conisborough, with accommodation for 85 patients. Distance seven miles. Erected 1901. Four Blocks: 18 wards.

Small Pox. Accommodation for 28 patients at Drake Head Lane, Conisborough. Built 1899. Extended 1927.

The above hospitals are managed by the Doncaster and Mexborough Joint Hospital Board with representatives from Doncaster R.D.C., Mexborough U.D.C., Thurnscoe U.D.C., Bentley-with-Arksey U.D.C., Adwick-le-Street U.D.C., and Conisborough U.D.C.

The arrangements made in 1905 for admission of patients to the above hospital from Tickhill hold good, and are adequate for the district

General, Surgical, and Medical :

Doncaster Royal Infirmary	...	184 beds
Rotherham Hospital	... ..	120 beds
Sheffield Royal Hospital	... ..	320 beds
Sheffield Royal Infirmary	... ..	500 beds

Children. The nearest special hospital is the Children's Hospital, Western Bank, Sheffield, which is 18 miles away. Accommodation, 50 beds. Most cases are sent to the above general hospitals.

Maternity :

Edenfield, Doncaster	... ..	40 beds
Jessop Hospital, Sheffield,		145 beds, 45 cots

2.	}	These subsections, which deal with administration of The Local Government Act (Public Assistance), 1929, Maternity and Child Welfare Services, Infant Life Protection Act, 1908, Young Persons Act, 1932, and Nursing Homes Registration Act, 1927, etc., do not apply to this district.
3.		
4.		

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA.

1. (i) Water.

The following table shows the progress made in the last ten years as regards new connections made to the mains of the Doncaster and Tickhill Joint Water Board:—

	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Private Houses	155	173	201	216	251	305	382	437	487	529
Public Houses	5	6	6	6	6	6	6	8	8	8
Library	1	1	1	1	1	1	1	1	1	1
Schools	—	2	2	2	2	2	2	2	2	2
Farms	—	2	3	4	6	6	9	6	7	7
Lock-up Shops	—	3	3	3	4	4	5	4	4	4
Other	—	1	1	1	1	1	2	6	6	8
Totals	161	188	217	233	271	325	407	464	515	559

The above table shows that for the year 1938 there were 544 connections to the mains for inhabited premises. Some of these connections serve more than one house each. The total number of inhabited premises actually receiving main water supply is 571. This represents a percentage of 86.9 for the district as compared with 79.4% for 1936, and 82.7% for 1937.

About 5% of the total houses are outlying and scattered, and the cost of connecting them to the public water mains is prohibitive.

(ii) Drainage and Sewerage.

The district is satisfactorily sewered, except in Lindrick Lane, which is too low to be drained into the existing sewer in Westgate.

The sewage works are modern, and provision has been made for a large increase in population.

2. Rivers and Streams.

The waterways are kept clear by the Trent Drainage Board, and drains leading into the streams are connected to the sewers where possible.

3. (i) Closet Accommodation.	1938	1937	1936
Pail Closets	8	9	15
Privies	94	100	110
Water Closets	532	464	439
Hand-flushed W.C.'s ..	—	—	—

(ii) Public Cleansing.

- (a) Collection of House Refuse.—This is done by private contract by one party, who should, according to Bye-Law 2 (1893), remove house refuse from any premises once at least in every month.
- (b) Collection of Refuse from Earth Closets and Privies.—This is also done by private contract by the same party as in item (a).
- (c) Disposal of Dry House Refuse.—This is put on to a tip, the tins, glass, etc., at the bottom and dry ashes on the top.
- (d) The Disposal of Refuse from Earth Closets and Privies.—The private contractor removes this to agricultural land, which should be ploughed immediately afterwards.
- (e) Cleansing of Cesspools is done by the owners, and the contents are disposed of on the owners' land.

(iii) Sanitary Inspection of the Area.

(Report of Sanitary Inspector under Art. 19 Sanitary Officers Order, 1926).

Total number of inspections made for nuisances only	884
Nuisances found in 1938	54
Total needing abatement	115
Nuisances in hand end of 1937	61
Abated during 1938	94
Outstanding end of 1938	21
Notices served—Informal	43
„ „ Statutory	Nil
Notices complied with—Informal	31
„ „ „ Statutory	Nil
Total number of summonses or other legal proceedings	Nil

(iv) Shops.

Action taken under Shops Act, 1934, Sections 10 and 13 (3) :—

Number of visits to shops	66
Unsatisfactory conditions found	10
„ „ remedied	1

(v) Smoke Abatement.

No action.

(vi) Swimming Baths and Pools.

There are no public or privately-owned swimming baths in the district.

(vii) Eradication of Bed Bugs.

No houses in the district have been found to be infected, but in the cases of the houses to be demolished under the 1930 Housing Act fumigation by means of Cimax was carried out before the contents of the old houses were transferred to the new ones.

4. Schools.

There are two schools in the district :—

- (1) **Infants.** Date of construction unknown. Heated by coke stoves. Certified accommodation 115. The public water supply is laid on and water closet accommodation is provided.

The following are the chief health items for the year 1938 :—

- Jan. 21—Poor attendance due to Influenza.
Feb. 5—School Doctor and Nurse at School.
„ 7—School Doctor and Nurse at School.
„ 9—Doctor and Nurse still at Clinic in Parish Rooms.
„ 10—Doctor at School.
„ 11—School Doctor and Nurse at School.
12 new children certified as in need of subsidiary nourishment.
„ 14—Doctor and Nurse at School again. Total of 28 children requiring subsidiary nourishment.
„ 16—Seven Children to Aural Clinic.

April 25—M.O.H. at School.
 May 10—Nurse at School re Aural Clinic.
 „ 11—Nine Children to Aural Clinic.
 June 24—School Dentist present.
 „ 27—Nurse present. Child sent to Eye Clinic.
 „ 29—Nurse present. Two children sent to Eye Clinic.
 July 5—Nurse present.
 „ 8—Dentist present for extractions.
 „ 11—Dentist present for extractions.
 Sept. 21—M.O.H. at School.
 „ 22—Children to Doctor for Diphtheria Immunisation.
 „ 27— Ditto ditto ditto
 Oct. 4— Ditto ditto ditto
 „ 12— Ditto ditto ditto
 „ 25— Ditto ditto ditto
 Nov. 3—School Doctor present. Twelve new children to
 receive milk and oil.
 Dec. 21—Mumps Epidemic. Attendance 50%.

(2) **Senior School.** Built 1854. Heated by coal fires
 and coke stoves. Public water supply laid on.
 Water closet accommodation provided. Certified
 accommodation 231.

Health items for the year:—

Feb. 11—Medical Inspection by School Doctor.
 May 10—Routine Visit of School Nurse.
 June 24—Visit of School Dentist.
 „ 27—Eye Clinic held.
 July 1—Dental treatment commenced.
 „ 12—Routine Visit of School Nurse.
 Nov. 3—Visit of School Doctor to examine children not
 receiving milk.
 „ 30—Routine visit of School Nurse.

SECTION D

HOUSING.

During the year many of the houses in the area have been repaired.

Number of houses erected in 1938 :—

(a) By private enterprise	...	...	14
(b) By Local Authority	...	...	8

A.—STATISTICS.

1. Inspection of dwelling-houses during the year:—

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under the Public Health or Housing Acts)	...	77
	(b)	Number of inspections made for the purpose	...	104
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations	...	77
	(b)	Number of inspections made for the purpose	...	104
(3)		Number of dwelling-houses needing further action	...	21
	(a)	Number considered to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	3
	(b)	Number (excluding those in sub-head (3) (a) above) found not to be in all respects reasonably fit for human habitation	...	18

2. Remedy of Defects during the year without service of formal notices:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	15
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3. Action under Statutory Powers during the year:—

- (A.) Proceedings under Sections 9, 10 and 16, of the Housing Act, 1936 :—
- (1) Number of dwelling-houses in respect of which notices were served requiring repairs 9
 - (2) Number of dwelling-houses which were rendered fit after service of formal notices :—
 - (a) By owners 9
 - (b) By Local Authority in default of owners 0
- (B.) Proceedings under Public Health Acts :—
- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 0
 - (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—
 - (a) By owners 0
 - (b) By Local Authority in default of owners 0
- (C.) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—
- (1) Number of representations, etc., made in respect of dwelling-houses unfit for habitation 0
 - (2) Number of dwelling-houses in respect of which Demolition Orders were made ... 0
 - (3) Number of dwelling-houses demolished in pursuance of Demolition Orders ... 0
- (D.) Proceedings under Section 12 of the Housing Act, 1936 :—
- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made 0
 - (2) Number of separate tenements or underground rooms the Closing Orders in respect of which were determined, the tenement or room having been rendered fit 0

4. Housing Act, 1936, Part IV—Overcrowding :—

(a)	(i)	Number of dwellings overcrowded at the end of the year	0
	(ii)	Number of families dwelling therein ...	0
	(iii)	Number of persons dwelling therein ...	0
(b)		Number of new cases of overcrowding reported during the year	4
(c)	(1)	Number of cases of overcrowding relieved during the year	5
	(2)	Number of persons concerned in such cases	34
(d)		Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	0
(e)		Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	0

SECTION E

INSPECTION AND SUPERVISION OF FOOD.

(a) Milk.

The supervision of milk and dairies is now undertaken by the Ministry of Agriculture, and statistics are available only for the West Riding as a whole.

(b) Meat and other Foods.

The report of the meat inspector is as follows :—

Veterinary Infirmary,
Newcastle Street,
Worksop.

January 16th, 1939.

Dear Sir,

I am pleased to report the result of my inspections of the meat supplies to Tickhill for the period January 1st to December 31st, 1938.

The supplies have been of good quality and the majority of the carcasses have been free from any lesions of disease. Of those affected only portions have been condemned.

The Shops, Refrigerating Plants, and Slaughter Houses have been kept in a clean and very satisfactory condition.

Animals slaughtered number :—

Cattle	...	...	...	...	190
Sheep	...	...	...	...	482
Pigs	...	...	...	...	430

Meat condemned :—

Cattle—Livers, T.B.	...	1
do. Cirrhosis	...	1
do. portions piped		13
Lungs, T.B.	...	5 sets
Kidneys	...	1 set
Tripe and Viscera	...	1 set
Pigs —Pigs' Heads, T.B.	...	3 (glands affected)

Yours faithfully,

T. BOWETT, M.R.C.V.S.

(c) Adulteration, etc.

The Acts governing the adulteration of food are administered by the West Riding County Council. The area is served by a District Sampling Officer stationed at Rotherham.

No report of any action has been received.

(d) Chemical and Bacteriological Examination of Food.

This work is carried out by the West Riding Analyst in his laboratories at Hustlergate, Bradford.

(e) Nutrition.

There has been no dissemination of knowledge on this subject by the Local Authority.

(f) Shell-fish.

There are no shell-fish beds in the district.

SECTION F

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

1. Notifiable diseases (other than tuberculosis) during the year 1938 :—

DISEASE	Notified 1938	Sent to Hospital	Died
Small Pox	0	0	0
Scarlet Fever	0	0	0
Diphtheria	0	0	0
Enteric Fever	0	0	0
Puerperal Fever	0	0	0
Puerperal Pyrexia	0	0	0
Pneumonia	10	0	1
Erysipelas	0	0	0
Other Diseases (generally notifiable) Cerebro- Spinal Fever	0	0	0
Other Diseases (notifi- able locally)	0	0	0
Total ...	10	0	1

2. (a) Vaccination.

The following table gives the number of vaccinations performed during the year :—

Primary		Re-vaccinations	Immune
Under 1	Over 1		
4	1	0	0

(b) Diphtheria Immunisation.

Number of children immunised during 1938 :—

Pre-school age	...	...	2
School age	...	...	27

Total	29
-------	-----	-----	----

Altogether approximately 25% of the children in the Infant School have now been immunised against diphtheria.

3. (a) Cancer.

There were seven deaths during the year :—

AGE	SEX	ORGAN INVOLVED
52	F	Breast
53	F	Stomach
60	M	Æsophagus
75	M	Tonsil
76	F	Gall Bladder
78	F	Femoral Glands
82	F	Breast

(b) Prevention of Blindness.

No action necessary under Section 66 of the Public Health Act, 1925, which deals with the prevention of blindness and the treatment of persons suffering from any disease or injury to the eyes.

CASES			Vision unimpaired	Vision impaired	Total Blindness	Deaths
Notified	Treated					
	At Home	In Hospital				
0	0	0	0	0	0	0

(c) Tuberculosis.

Public Health (Prevention of Tuberculosis Regulations, 1925).

No action has been taken under these regulations, which relate to the employment in the milk trade of persons suffering from tuberculosis.

Public Health Act, 1925, Section 62.

No action was taken under this Act, which relates to the compulsory removal of tubercular patients to hospital.

New Cases and Mortality during 1938.

AGE PERIOD	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 1
1— 5
6—10
11—20
21—25
26—30
31—35	1	...	...	...	...	...	...
36—40
41—45
46—50
51—60
Over 60
Total ...	0	1	0	0	0	0	0	0

I have to thank Mr. Haslam, the Sanitary Inspector, and Mr. Bowett, Meat Inspector, for their contributions to this Report.

I have the honour to be, Gentlemen,

Your obedient servant,

H. MONTGOMERY BROWN,

Medical Officer of Health.

